

10/517521

DT12 Rec'd USPTO 13 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Jun HIRANO, et al.

Application No.: New PCT National Stage Application

Filed: December 13, 2004

For: METHOD AND APPARATUS FOR INTERMITTENT  
COMMUNICATION

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the art listed on the attached Form PTO 1449. Copies of the art cited in the International Search Report (ISR), which issued by the JPO, are made available to the U.S. examiner in the national stage application, pursuant to MPEP 1893.03(g), and therefore copies of such art are not submitted herewith. The art cited in the ISR is listed on the attached PTO-1449 for an indication of consideration by the examiner. Copies of any other references listed on the PTO-1449, besides those cited in the ISR, are submitted herewith. The ETSI TS 101 761-2 and ARIB STD-T70 documents are discussed in the present application at page 1, line 10 et seq. The following are English equivalents to foreign documents: US 065/JP 766, WO 084/JP 961, US 999/JP 254, US 882/JP 508 and EP 364/JP 688.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

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0712 Rev 07/07/01 13 DEC 2001

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter  
Registration No. 28,732

Date: December 13, 2004

JEL/spp

ATTORNEY DOCKET NO. L9289.04191

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

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RIAT NO.

## New PCT Nat'l Stage Application

**APPLICANT**

Jun HIRANO, et al.

**FILING DATE**

December 13, 2004

**GROUP 4125**

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

|        |  | DOCUMENT NUMBER |    |   |   |   |   | DATE | COUNTRY | CLASS   | SUBCLASS | TRANSLATION |          |
|--------|--|-----------------|----|---|---|---|---|------|---------|---------|----------|-------------|----------|
|        |  | YES             | NO |   |   |   |   |      |         |         |          |             |          |
| /M.A./ |  | 0               | 7  | 0 | 6 | 6 | 7 | 6    | 6       | 03/1995 | JP       |             | Abstract |
| /M.A./ |  | 9               | 6  | 1 | 9 | 0 | 8 | 4    |         | 06/1996 | WO       |             |          |
| /M.A./ |  | 1               | 0  | 5 | 1 | 0 | 9 | 6    | 1       | 10/1998 | JP       |             |          |
| /M.A./ |  | 1               | 1  | 2 | 6 | 6 | 2 | 5    | 4       | 09/1999 | JP       |             | Abstract |
| /M.A./ |  | 0               | 6  | 3 | 5 | 0 | 5 | 0    | 8       | 12/1994 | JP       |             | Abstract |
| /M.A./ |  | 0               | 6  | 1 | 5 | 3 | 6 | 4    | A1      | 09/1994 | EP       |             |          |
| /M.A./ |  | 0               | 7  | 0 | 5 | 8 | 6 | 8    | 8       | 03/1995 | JP       |             | Abstract |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|        |   |
|--------|---|
| /M.A./ | PCT International Search Report dated June 24, 2003.  |
| /M.A./ | K. MIYAZU: "Technology Kaitai Shinsho Bluetooth Gijutsu Kaisetsu Guide," Kabushiki Kaisha Ric Telecom, June 11, 2001, pp. 170-173.  |
| /M.A./ | ETSI TS 101 761-2 V1.1.1 (2000-04); Broadband Radio Access Networks (BRAN); HIPERLAN Type 2; Data Link Control (DLC) layer; Part 2: Radio Link Control (RLC) sublayer, pp. 90-96. |
| /M.A./ | ARIB: "Lower Power Data Communication Systems Broadband Mobile Access Communication System (HiSWANa)," ARIB STD-T70, pp. 223-230.   |

**EXAMINER** /Mohammad Anwar/

**DATE CONSIDERED**

08/04/2008

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.